CADEK, J.; FREIWILLIG, R.; DUPAL, O.

Reaction between carbide and mother metal in some steel alloys. Hut listy 16 no.12:874-885 D 61.

1. Vyzkumny ustav hutnictvi zeleza, Praha.

(Steel alloys) (Carbides)

Z/034/62/000/008/002/004 E073/E535

AUTHORS:

Cadek, J., Engineer, Dupal, O. Doctor of Science and

Freiwillig, R. Engineer

TITLE:

Precipitation of carbides in alloy steels.

Part I. Precipitation of carbides during tempering of

chromium-molybdenum steels at 650°C

PERIODICAL: Hutnické listy, no.8, 1962, 573-580

This and the succeeding parts of the study relate to the precipitation of carbides in chromium-molybdenum, chromiumtungsten and chromium-vanadium steels at 650°C in the case of tempering for periods between 6 min and 5000 hours, as well as for the case of isothermal decomposition of austenite and annealing at the same temperature for periods up to 5000 hours of the products of this decomposition. In this first part the results relating to fifteen chromium-molybdenum steels with compositions as given in Table 1 are reported. The results of studies of the precipitation of the carbide M_2C and the reaction $M_2C \rightarrow M_6C$ were the subject of earlier work (Hutnické listy, 16, 1961, no.12, p. 974), where the precipitation of the carbides in some of the Card 1/4

Precipitation of carbides ...

Z/034/62/000/008/002/004 E073/E535

fifteen steels (CM2, CM5, CM9, Cm10 and CM12) studied in this paper was also reported. The carbides were isolated electrolytically and then subjected to X-ray diffraction and chemical The most frequently observed carbides, particularly in the case of high alloyed steels, were M23C6 and M6C. This is attributed to the tendency of chromium and molybdenum to form in Fe-Cr-Mo-C alloys carbides which are characteristic for Fe-Cr-C and Fe-Mo-C alloys, although they are distinguished by a sufficiently high solubility of iron and of the other element (Mo or Cr), but not to form carbides M.C. or MC, which have a low solubility for molybdenum and possibly also for chromium and iron. The carbide M23C6 may contain only 11.2% Cr and 5.2% Mo and even less or, on the other hand, it may contain up to 11.5% or even more of molybdenum; the chromium concentration in M6C may be as high as 9%. Even a very slight addition of chromium into molybdenum steels causes a radical slowing down, or completely suppresses, the formation of MC carbide. In the equilibrium state the solubility of molybdenum in M₂C₃ is only about 2% but in the metastable state it may reach 10%; molybdenum reduces the rate of Card 2/4

Precipitation of carbides ...

Z/034/62/000/008/002/004 E073/E535

the reaction M₂C \rightarrow M₂C₃. At chromium concentrations of up to 1.5-2% the stability of the carbide M₂C is only slightly affected by the chromium content; however, at higher concentrations chromium reduces the stability of M₂C. The iron concentration in M₂C may reach about 10% and in some cases it may reach 27%. The Chromium concentration may reach 22%. The view is widely held that if the solubility of a given element in a given carbide is less than the concentration of this element in the solid solution, the carbide may accept the given element in a concentration not higher than the concentration in the solid It was found that this view is not generally valid, for instance, MgC which precipitates during 6 min tempering in the steel CM7 (1.15% Mo and 4.2% Cr) contained 5.3% Mo and 2.6% Cr; the authors could not explain this phenomenon. precipitation of the intermetallic Laves phase Fe2Mo nor the formation of a quaternary carbide could be proved for any of the steels investigated; all the carbides which precipitated and which existed in the stable state were derived from carbides of the appropriate binary or ternary sub-systems. There are 16 figures and 3 tables. Card 3/4

Table 1

Precipitation of carbides ...

Z/034/62/000/008/002/004 E073/E535

ASSOCIATION: Výzkumný ústav hutnictví železa, Praha

(Iron and Steel Research Institute, Prague)

Steel Composition, % Ratio

| C | Mn | Si | Cr | Mo | \$\frac{t}{c}\$ | \$\frac{t}{km}\$ | \$\frac{t}{c}\$ | \$\f

= $\xi_{\rm Cr} = \frac{\rm at.\% \ Cr}{\rm at.\%C}$

 $\xi_{\text{Mo}} = \frac{\text{at.\% Mo}}{\text{at.\% C}}$

** Austenization temperature 1250°C Card 4/4

COUNTRY : CZECHOSŁOVAKIA

CATEGORY

: Chemical Technology. Chemical Products and Their

ABS. JOUR.

Applications. Food Industry. RZhKhim., No 17, 1959, No. 62551

AUTHOR INSTITUTE : Posnisilova, J; Dupal, R.

TITLE

: Comment on the Determination of L-Ascorbic Acid

in Horse-Radish by the Titration Method With 2, *

:Prumysl potravin, 1958, 9, No 9, 499-500 ORIG. PUB.

ABSTRACT

: By chromatography on paper it was established that horse-radish, aside of the L-ascorbic acid (I), does not contain other substances, that reduce 2, 6-dichlorphenolyndophenol. Investigation of various marts of the radish root revealed that the maximum concentration of I is confined to the central portion. The preparation of samples and analysis of horse-radish must be carried out rapidly in order to avoid the action of ascorbiase on I. Finely diced horse-radish at 200 loses

*6-Dichlorphenolyndonhenol.

Card:

1/2

H - 119

H

COUNTRIE : CATEGORY :

ABS. JOUR. : HZhKhim., No 17, 1959, No. 62551

AUTHOR : INSTITUTE : TITLE :

ORIG. PUB. :

ABSTRACT

283% of its initial I content in 15 minutes and after 30 minutes time all of I is oxidized. Rapid grinding of a sample after its cutting away from a root is recommended. The grinding is to be done in a 6% solution of metaphosphoric acid. The titration of I should be done immediately after the preparation of sample. — N. Bakanov.

Card:

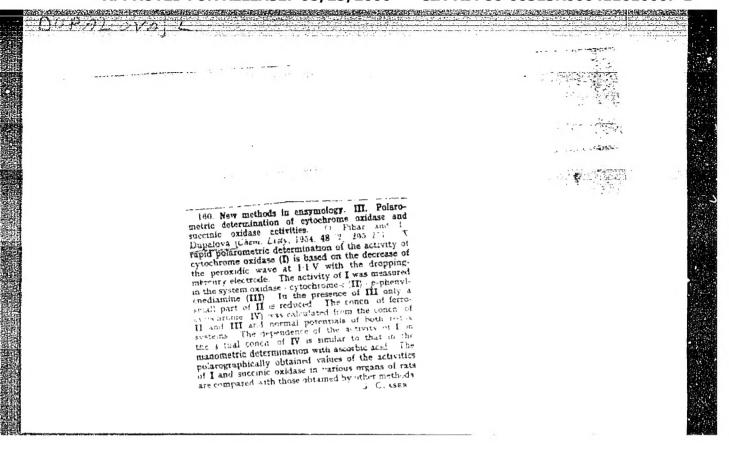
2/2

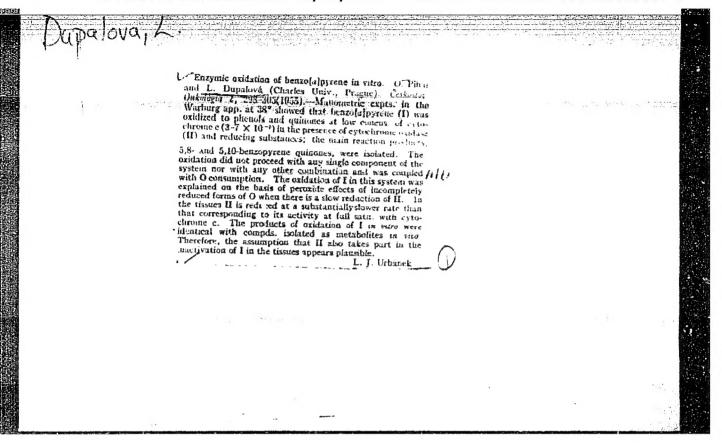
DUPAL, Yaroslav [Dupal, Jaroslav]; GAVLICHEK, Yaromir [Havlicek,
Jaromir]; STOCHES, Ferdinand [Stoces, Ferdinand]; BARTUNEK,
Iosif [Bartunek, Josef]; LEVITMAN, Ye.A.[translator];
TULUPNIKOV, A.I., red.; SUMNIK, Z.A., red.; IL'YUSHENKOVA,
T.P., tekhn. red.

Problems in determining the effectiveness of agricultural production in Czechoslovakia Voprosy opredeleniia effektivnosti sel'skokhoziaistvennogo proizvodstva v Chekhoslovakii. Pod red. A.I.Tulupnikova. Moskva, Gosstatizdat, 1962. 178 p. Translated from the Czech. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut narodnokhozyaystvennogo planirovaniya pri Gosudarstvennoy planovoy komissii, Chekhoslovakiya (for Dupal, Gavlichek). 2. Gosudarstvennaya planovaya komissiya, Chekhoslovakiya (for Bartunek).

(Czechoslovakia—Agriculture—Economic aspects)





DUPASHKU. G.

USSR/ Medicine - Microbiology

Card 1/1

2 Pub. 86 - 12/36

Authors

Dupashku, G., Prof., Dir. of the I. Kantakuzino Institute for Epidemiology and hicrobiology

Title

! Medical microbiology in the Rumanian People's Republic

Periodical

Priroda 43/8, 84 - 87, Aug 1954

Abstract

The development of microbiological science in Rumania is traced to French and Russian sources. A general sketch is given of the work done in medicine, in particular, in preventive medicine. The lines of research pursued are cited as those having to do with rabies, tuberculosis, intestinal diseases, children's diseases, typhus epidemics, leptospirosis and others. Names of institutions and individuals involved in this work are given.

Institution - :

Submitted :

COUNTRY : Hun

Hungary

H-17

CATEGORY

ABS. JOUR. : AZKhim., No.

1959, So. 87596

AUTHOR

: Dupcza, K.; Kelemenne-Kuttel, I.; Vastagh, G.

INST.

TITLE : Determination of Anesthesin in the Presence

of Phenacetin.

ORIG. PUB. : Acta pharmac. hung., 1959, 29, No 1, 6-10

ABSTRACT: A procedure has been developed for separation of anesthesin (I) and phenacetin (II), based on acetylation of the mixture of Na-salt of p-aminobenzoic acid and p-phenetidine which is obtained from I and II by alkaline hydrolysis. Acetylation is effected with (CH₃CO)₂O in the presence of NaHCO₃, and there is obtained the Na-salt of p-acetylaminobenzoic acid and II, which can be readily separated due to their different solubility, and can be determined gravimetrically or by titration. Mixture of I and II (more than 0.2 g) is dissolved in 10 ml of 1% HCl, 2 ml of 10% NaOH are added, heated (80°, 30 minutes), then neutralized and acetylated 10 minutes with 15 drops of

CARD: 1/2

DUPELJ, M.

Case of polyneuritis caused by lead poisoning. Neuropsihijatrija 3 no.3-4:268-269 1955.

1. Iz Neurolosko-psihijatrijske klinike Med. fakulteta u Zagrebu.
(LEAD POISONING, compl.
polyneuritis, clin. aspects. (Ser))
(POLYNEURITIS, etiol. & pathogen.
lead pois., clin. aspects. (Ser))

DUPKLJ, M.

Laughter as a symptom of neurological diseases. Neuropsihijatrija 4 no.3-4:185-202 1956.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu (Predstojnik: Prof. dr. R. Lopasio).
(EMOTIOES.

laughter as manifest. of mervous dis. (Ser))
(NERVOUS SYSTEM, dis.
laughter as manifest. (Ser))

HAMEL-PUSKARIC, N.; DOGAN, S.; IVACIC-BOHACEK, V.; JUSIC, A.; DUPELJ, M.

Our experiences with the treatment of acute vascular insultus of the brain. Neuropsihijatrija 9 no.1:44-53 *61.

1. Iz Neurolosko-psihijatrijske klinike Med. Fakulteta - Zagreb (Predstojnik: Prof. dr. R. Lepasic).

(BRAIN blood supply)

DUPELJ, M.; ARKO, K.

Diagnostic value of proteins in the cerebrospinal fluid in acute cerebral vascular insultus. Neuropsihijatrija 8 no.4:261-270 60.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu (Predstojnik: Prof. dr. R. Lopasic).

(CEREBRAL HEMORRHAGE csf) (PROTEINS csf)

Card 1/3

SOURCE CODE: UR/0000/66/000/000/0162/0163 ACC NR. AT6036558 AUTHOR: Yegorov, P. I.; <u>Dupik, V. S.;</u> Yermakova, N. P.; Korotayev, M. M.; Kochina, Ye. N.; Mikhaylovskiy, G. P.; Neumyvakin, I. P.; Petrova, T. A.; Reutova, M. B.; Filatova, L. M.; Tsyganova, N. I.; Yakovleva, I. Ya. ORG: none TITIE: The effect of hypokinesia and homogenized food rations on the functional state of the human organism [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966] SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 162-163 TOPIC TAGS: isolation test, hypodynamia, human physiology, space physiology, cardiovascular system, space nutrition ABSTRACT: For a period of 7 days, four specially chosen healthy subjects 21--29 years old lay flat in bed under conditions of limited isolation. Two of the subjects received a special ration of homogenized foods, while the other two received a ration identical in calorie content (2200 kcal) and chemical composition, but prepared by ordinary cooking methods. Water consumption was unlimited.

ACC NR: AT6036558

In the course of the experiment, respiratory volume and vital capacity decreased in all subjects; the subjects receiving the special rations showed a more pronounced increase in oxygen consumption and consequently in basal metabolism level.

Cardiovascular system changes were seen in the EKG's of all subjects (decreased voltage of R and T peaks, bradycardia, and rotation of the axis to the right), and persisted more than 12 days after the experiment.

Hemodynamic studies using N. N. Savitskiy's method revealed a decrease in the speed of pulse wave propagation along arteries of the muscular type, and changes in peripheral resistance and blood minute volume. Disturbances of intranasal circulation were revealed by the rhinopneumometry method. These shifts in vascular tonus were more pronounced in the group receiving special food rations.

Following the experiment all the subjects exhibited orthostatic weakness, and in the two subjects receiving the special food ration, an active orthostatic test involving standing for 30 min induced collapse (on the 3rd and 23rd min of the test).

Card 2/3

ACC NR: AT6036558

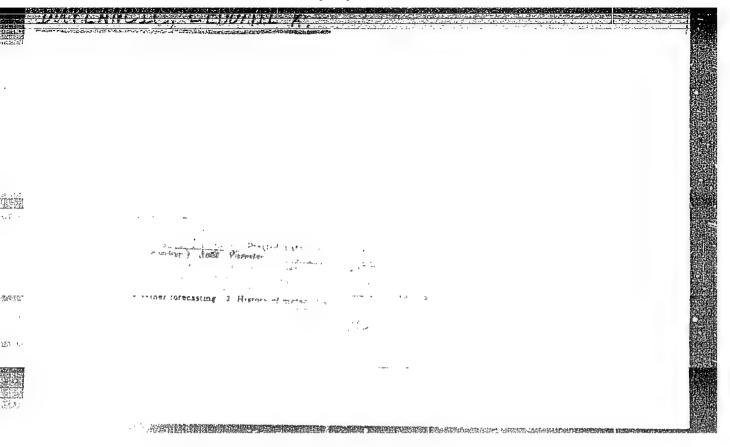
Pronounced functional shifts of a transient nature were noted in the gastrointestinal tract (diminished gastric secretion after the experiment in the group receiving special rations; and changes in protein, carbohydrate, and cholesterin metabolism, and impairment of the bilirubin-excretory function of the liver in all subjects).

After the experiment all subjects showed a weight loss of up to 3350 kg, although disturbances of kidney function took the form of decreased diuresis, decreased creatinine clearance, and impaired water excretion during water loading tests.

Changes in mineral metabolism during the experiment consisted of increases in the blood plasma levels of potassium and calcium in all subjects, and toward the end of the experiment, decreased chlorides in the 24-hr urine of the subjects receiving special rations.

Audiometry revealed neurodynamic disturbances of the functional state of the auditory analyzer (asymmetry and elevation of differential thresholds of sound intensity and height).

A change was noted in the level of the dark adaptation curve. A considerable increase in light sensitivity in the 60th min was noted in the subjects receiving ordinary food, and a lesser increase in the subjects receiving special rations. Analysis of nyctograms taken during the initial period of dark adaptation showed no substantial shifts. [W.A. No. 22; ATD Report 66-116 SUB CODE: 06 / SUBM DATE: OOMay66



DUPLANCIC, C.

The maritime meteorologic service. p. 22.

GEOLOSKI VJESNIK. (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955)

Monthly list of East European Accessions (EFAI) IC, Vol. 8, no. 8, Aug. 1959

Uncl.

DUPLACCIC, C

The Nautical Section of the Hydrometeorologic Service in Split; a brief survey of works achieved in 1954. p. 62.

GEOLOSKI VJESNIK (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955).

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

DUPLANCIC, C.

Meteorologic service of our ships; on the occasion of its initiation. p. 215.

GECLOSKI VJESNIK (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955).

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

DUPLANCIC, C.K.

The Natural Section, Croatian Hydrometeorologic Service in Split; survey of works achieved. p. 35. (GODISNJAK, Yugoslavia, 1955 (published 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957, Uncl.

DUPLANCIC, Dedomil K.

Climate and weather of the Adriatic Sea. Hidrograf.god 1958 (Published 1959):225-251. (Adriatic Sea)

DUPLENKOV, D.A.; EVANOV, S.N.

Radiation from prolonged spheroidal antennas. Izv. vys. ucheb. zav.; radiofiz. 7 nc.3:524-530 '64. (MIRA 17:11)

1. Moskovskiy energeticheskiy institut.

DUPLENKO, K. F.

Duplenko, K. F. "Training supervisory public health dadres in the Ukrainian SSR," Vracheb. delo, 1949, No. 2, columns 97-102

SO: U-3566, 15 March 53, (Letopis 'Zhurmal 'nykh Statey, No. 14, 1949).

DUPLENKO, K.F. (Kiyev); BARENBOYN, A.H. (Kiyev).

Leonid Dmitrievich Ul'ianov. Sov. Edrav. 12 no.6:53-55 N-D '53.

(Ul'ianov, Leonid Dmitrievich, 1878-)

DOPOENHOURS

PETROV, V.D.; BRATUSYA, V.D.; DUPLENKO, K.F.

[Outline history of medicine and public health in the Ukraine]
Ocherki istorii meditainskoi nauki i zdravookhraneniia na Ukraine. Pod red. V.D.Petrova, V.D.Bratusia i K.F.Duplenko. Kiev.
Gosmedizdat. USSR, 1954. 437 p. (MIRA 8:11)
(UKRAINE-MEDICINE) (UKRAINE-PUBLIC HRAIME)

DLPLENTIC, KIR POZNANS'KIY, S.S.; DUPLENKO, K.F. Zinovii Petrovich Solov'ev. Medych.shur.24 no.5:85-91 154. (BIOGRAPHIES, (MLRA 8:10) Solov'ev, Zinovii P.)

DUPIENKO, K.F.; GEL'FAHD, L.A.

Course, methods, and first results of a study of the history of therapy in the Ukraine. Sov.zdrav. 16 no.5:31-34 My '57.

1. Iz Ukrainskogo instituta klinicheskoy meditsiny imeni akademika N.D.Strazhesko (dir. - prof. A.L.Mikhnev)

(THERAPRUTICS, history,
in Russia (Rus))

DUPLEHKO, K.F. kandidat meditsinskikh nauk; GITSHTEYN, A.D., tekhredaktor;

[Papers on the history of the development of public health services in the Ukraine] Materialy do istorii rozvytku okhorony sdorovia na Ukraini. Pid red.K.F.Duplenko. Kyiv, Derzh.med.vyd-vo URSR, 1957, 382 p. (MIRA 10:11)

1. Ukraine. Ministerstvo zdravookhraneniya. (UKRAIME--PUBLIC HEALMH--HISTORY)

DUPLENKO, K.F. dots. (Kiyev)

Lenin and Soviet medicine. Vrach.delo no.11:1131-1135 H '57. (MIRA 11:2)

(PUBLIC HEALTH)

(IZNIH, VIADIMIR IL'ICH, 1870-1924)

BRATUS:, V.D., dots. , DUPLENKO, K.F. (Kiyev)

Fortieth anniversary of the Kiev Institute of Advanced Training for Physicians. Vrachidelo no.10:1095-1097 0 58 (MIRA 11:11) (KIEV--MEDICAL COLLEGES)

SHUPIK, P.L. [Shupyk, P.L.], glavnyy red.; BRATUS', V.D., red.; DUPLENKO, K.F., red.

[Achievements in public health in the Ukraine] Dosiahnennia okhorony zdorov'ia v Ukraine'kii RSR. Kyiv, Derzh.med.vid-vo URSR. 1958. 723 p. (MIRA 12:6)

1. Ukraine. Ministerstvo okhorony zdorov'ya. (UKRAINE -- PUBLIC HEALTH)

DUPLENKO, K.F., GEL'FAND, L.A.

Methods in studying the history of medicine. Sov.zdrav. 17 no.7:53-57 J1 *58 (MIRA 11:8)

1. Is Otdela istorii meditsiny Ukrainskogo nauchno-issledovatel skogo instituta klinicheskoy meditsiny imeni N.D. Strashesko (dir. prof. A.L. Mikhnev).

(HISTORY, MEDICAL research, methods (Rus))

DUPLENKO, K.F.; VASYUTINSKIY, N.A.; SIDORENKO, G.M.; GRANDO, A.A.

"Public health organization in the U.S.S.R.," edited by N.A. Vinogradov. Reviewed by K.F. Duplenko and others. Sov.zdrav. 18 no.7:42-45 '59. (HIRA 12:9) (PUBLIC HEALTH) (VINOGRADOV, N.A.)

DUPLENKO, K.F., dotsent (Kiyev)

"Essays on Chinese national medicine" by I.P. Alekseenko. Reviewed by K.F. Duplenko. Vrach.delo no.3:325 Mr 160.

(CHIMA-MEDICINE) (ALMESENHO, I.P.)

(MIRA 13:6)

DUPLENKO, K.F. (Kiyev)

Ideas and precepts of Lenin in the formation of the Soviet public health system. Vrach.delo no.4:337-343 Ap '60. (MIRA 13:6)
(LENIN, VLADIMIR IL ICH, 1870-1924)
(PUBLIC HEALTH)

DUPLENKO, K.F.

First Ukrainian Conference on the History of Medicine. Sov. zdrav.
19 no.3:89 '60, (MIRA 14:6)
(UKRAINE_MEDICINE)

RAFES, Yulian Isakovich, kand. med. nauk; DUPLENKO, K.F., red.; EYKOV, M.M., tekhn. red.

> [Ukrainian-Polish medical relations] Z ukrains'ko-pol's'kykh zv'iazkiv u medytsyni. Kyiv, Derzh. med. vyd-vo URSR, 1961. 77 p. (MIRA 15:3)

(BIEGANSKI, VLADYSLAV, 1857-1917)

MIKHNEV, A.L., prof .; DUPLENKO, K.F., dotsent

25th annivarsary of the N.D. Strazhesko Ukrainian Institute of Clinical Medicine. Vrach. delo no. 3:141-144 Mr '61. (MIRA 14:4) (UKRAINE—MEDICINE, CLINICAL)

MIKHNEV, A. L., prof., zasluzhennyy deyatel nauki; DUPLENKO, K. F., dotsent

On the 85th anniversary of the birth of Academician N. D. Strazhesko. Terap. arkh. no.12:107-113 '61. (MIRA 15:2)

(STRAZHESKO, NIKOLAI IMITRIEVICH, 1876-1952)

MIKHNEY, A.L. [Mikhm'ov, A.L.]; DUPLENKO, K.F.

Academician M.D. Strazbesko's 85th birthday. Fiziol. zhur. (MIRA 15:3) [Ukr.] 7 no.6:841-845 N-D '61. (MIRA 15:3) (STRAZBESKO, NIKOLAI EMITRIEVICH, 1876-1952)

MIKHNEV, A.L. [Mikhn'ov, A.L.], prof., zasluzhennyy deyatel' nauki; DUPLENKO, K.F., kand.med.nauk, dotsent

In memory of Academician Strazhesko. Nauka i zhyttia 11 no.6:23-25 Je '61. (MIRA 14:7)

1. Direktor Ukrainskogo nauchno-issledovatel skogo instituta klinicheskoy meditsiny (for Mikhnev).

(STRAZHESKO, NIKOLAI DIMITRIEVICH, 1876-1952)

(KIEV--MEDICINE, CLINICAL)

DUPDENKO, K.F.; GEL! FAND, L.A. (Kiyev)

Studies in the history of medical sciences and public health in the Ukrainian S.S.R. Sov.zdrav. 20 no.4:9-15 '61. (MIRA 14:5) (UKRAINE—PUBLIC HEALTH)

DUPLENKO, K.F. (Kiyev)

Valuable experience in the training and education of medical historians. Sov.zdrav. 21 no.7:90-92 '62. (MIRA 15:8) (MEDICINE)

MIKHNEV, A.L., prof., red.; DUPLENKO, K.F., dots., red.; ZHUKOVSKIY, L.I., red.; ZAPOL'SKAYA, L.A., tekhn. red.

[Current problems of internal medicine and their elaboration by the schools of N.D.Strashesko] Aktual'nye problemy vnutrennei meditsiny i razrabotka ikh shkoloi N.D.Strazhesko. Pod red. A.L.Mikhneva. i K.F.Duplenko. Kiev, Gosmedizdat USSR, 1963. 298 p. (MIRA 16:10)

1. Ukrainskiy nauchno-issledovatel skiy institut klinicheskoy meditsiny imeni akademika N.D.Strazhesko.
(MEDICINE, INTERNAL)

DUPLENKO, K.F. (Klyev)

Basic trends and the next tasks of historicomedical investigations in the Ukrainian S.S.R. Vrach. delo no.10:3-7 0 163. (MIRA 17:2)

DUPLIENKO K.F. (Ed yew)

Historic medical activity in the Micrainian 3.3.8. Nov. zdrav. 22 nc.9:96.96 163. (MIR: 17:4)

VERKHRATSKIY, Sorgey Avraamovich[Verkhrats'kyi, S.A.]; DUPLENKO,

K.F., red.

[History of medicine] Istoiia medytsyny. Kyiv, Zdorov'ia,
1964. 333 p. (MIRA 18:2)

KAGAN, Solomonovich [Kahan, S.S.], prof.; DUPLENKO, K.F.,

[Outstanding Ukrainian public health worker, Academician of the Academy of Sciences of the Ukrainian S.S.R., O.V. Korchak-Chepurkivs'kyi] Vydatnyi sanitarnyi diinch Ukrainy - akademik AM UKSA O.V.Korchak-Chepurkivs'kyi. Kyiv, Zdorov'ia, 1965. 76 p. (EIRA 18:9)

ZHUKOVSKIY, L.I.: DUPLENKO, Yu.K.

Diagnostic significance of Waldman's cup test in rheumatic heart disease. Sov. med. 24 no.4:140-143 Ap '60. (MIRA 13:8)

1. Iz terapevticheskogo otdeleniya (zav. L.I. Zhukovskiy) Vasil'kovskoy rayonnoy bol'nitsy (glavnyy vrach B.I.Densiyuk) Kiyevskoy oblasti. (RHEUMATIC HEART DISEASE) (MEDICAL TESTS)

DUPLENKO, Yu.K. (Kiyev)

Age-related characteristics of the sensitivity of ganglia of the vegetative nervous system with respect to the effect of hexonium. Vrach.delo no.3165-71 Mr '63. (MIRA 16:4)

1. Laboratoriya fiziologii (zav. - doktor med.nauk V.V. Frol'kis) Instituta gerontologii i eksperimental'noy patologii AMN SSSR.

(AGING) (HEXONIUM) (NERVOUS SYSTEM, SYMPATHETIC)

Mikhaylov, P.A., Cand. of Tech. Sciences; Malyelev, AUTHORS:

and Duplenko, Yu.V., Eng.

Experimental Data on the Anti-Friction Properties of TITIE:

Kapron (Caprice) (Nekotoryve opythave dannyve ob antifrikestonnykh svoystvakh kareses)

PERIODICAL: Vestnik Mashinostroyeniya, 1979, Nr 2, pp 35-36 (USSR)

Tests were made on simulated bearings with strips of ABSTRACT: caprone supporting a steel shaft 50 mm diameter. Rubbing

speed varied from 0.417 to 2.4 metres/sec under bearing pressures of 30 to 55 kg/cm2. Fig 1 shows turning moment versus total revolutions for different loads at a constant rubbing speed of 0.524 m/sec. Fig 2 shows coefficient of friction against bearing pressure. In both cases the bearing was lubricated with machine oil. Fig 3 shows the same but without circulation of oil i.e. without cooling. Fig 4 shows the relation between friction and rubbing speed using an auto-lubricant. Fig 5 shows friction versus tearing pressure and rubbing

speed for polyamide specimens containing 2 to 2.5% of

"silver graphite", again lubricated with an auto-

lubricant. The authors' conclusions are: capreas parts Card 1/3

SOV/122-59-2-11/34

Experimental Data on the Anti-Friction Properties of Caprone

can work satisfactorily under moist conditions since their swelling on water absorption is negligable. Caprone parts do not absorb mineral oil and cannot dry-out and are consequently more suitable than leather or oil-resistant rubber for hydraulic packings. Caprone liners and sleeves can be used for anti-friction parts with thick or with liquid lubricants. The coefficient of friction against steel using liquid lubricant without cooling is little different from the coefficient of friction of a bronze bearing and the wear coefficient of caprox is 10 to 100 times less than with lubricated bronze and steel friction pairs. Under conditions of reduced lubrication caprone bearings should have graphite added but, with sufficient lubrication, graphited caprone is not advantageous. The cost of capmone parts per unit volume is 6 times less than the cost of the cheapest bronze parts. Caprone sleeves and liners can be used instead of "Textolite" and laminated wood for lubricated

Card 2/3

SOV/122-59-2-11/34 Experimental Data on the Anti-Friction Properties of Caprone

machine parts which are not cooled provided that working temperature does not exceed 85°C. There are 5 figures.

Card 3/3

s/191/60/000/004/008/015 B016/B058

AUTHORS:

Mikhaylov, P. A., Duplenko, Yu. V., Malyshev, P. N.

TITLE:

The Antifriction Properties of Caprone

PERIODICAL:

Plasticheskiye massy, 1960, No. 4, pp. 38-41

TEXT: The authors report on their studies of the physico-mechanical and antifriction properties of caprone in the Laboratory "Detali mashin" (Machine Parts) of the Zaporozhskiy mashin stroitel'nyy institut (Zaporozh'ye Machine Construction Institute) in cooperation with plants of the Zaporozhskiy sovnarkhoz (Zaporozh'ye Council of National Economy). The dependence of the friction coefficient on the specific pressure, rubbing speed, type of lubricant, and manufacturing method of the caprone parts was studied. A specially redesigned "MM" ("MI") machine was used for this purpose. The following caprone samples were studied: 1) large samples from the Zaporozhskiy zavod "Kommunar" (Zaporozh'ye "Kommunar" Plant);
2) samples molten in an autoclave; and 3) samples produced with the extruder press designed by the authors. Moreover, samples were studied which contained graphite, aluminum, and bronze powders, as well as metal samples

Card 1/3

The Antifriction Properties of Caprone

S/191/60/000/004/008/015 B016/B058

covered by a caprone layer 0.1 to 0.3 mm thick. The authors drew the following conclusions on the basis of their results: 1) Caprone may be used for bearings with lubricants of low and high viscosity. The friction coefficient of caprone on steel with lubricants of low viscosity and without cooling differs only slightly from that of bronze. The wear of a caprone bearing and a steel shaft operating with lubricants is very low compared to the wear of a bronze bearing and a steel shaft. 2) The use of caprone with graphite addition is recommended for friction with sparse lubrication. 3) The loading capacity of metal bearings with caprone coating is much higher than that of pure caprone bearings. 4) Caprone bearings operate satisfactorily at a lubricating-oil temperature of up to 80-85°C. 5) The antifriction properties of caprone depend on its manufacturing method. The friction coefficient and wear of caprone samples made with an extruder press are lower than those of samples produced by other means. 6) The antifriction properties of caprone are impaired by normalizing in boiling water. 7) The addition of aluminum and bronze powders reduces the shrinkage of caprone parts, increases their thermal conductivity, but does not improve their antifriction properties. 8) Special attention should be paid to structural changes of caprone during normalizing. The authors suggest

Card 2/3

The Antifriction Properties of Caprone

S/191/60/000/004/008/015 B016/B058

studies on the optimum processes and means of caprone heat treatment. They point out that caprone can also be used under operational conditions. There are 9 figures.

Card 3/3

MIKHAYLOV, P.A., kand.tekhn.nauk, dotsent; DUPLERED; Yu.V.; MALYSHEV, P.H., assistent.

Data on properties of capron as a material used in the manufacture of machinery. Izv.vys.ucheb.zav.; mashinostr. no.7:58-66 '60.

(MIRA 13:11)

1. Zaporozhskiy mazhinostroitel'nyy institut.
(Materials) (Nylon)

5/123/62/000/006/002/018 A004/A101

AUTHORS:

Mikhaylov, P. A., Duplenko, Yu. V., Malyshev, P. N.

TITLE:

On the antifriction properties of caprone

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 6, 1962. 22, abstract 6A149 (V sb. "Plastmassy v mashinostr. i priborostr.", Kiyev,

Gostekhizdat UkrSSR, 1961, 341-348)

The authors determined the magnitude of the friction coefficient TEXT: depending on the load (5 - 90 kg/cm²), sliding speed (v = 0.5 - 2.0 m/sec), type of lubricant, manufacturing technology of the caprone specimens (pressing on worm presses, in casting machines and in autoclaves) during caprone friction on steel. It was found that the wear of caprone on steel shafts in operation with lubricants was less than the wear of bronze on steel shafts. Caprone bearings can operate at lubrication temperatures of 80 - 85°C. Under conditions of poor lubrication it is recommended to use caprone with graphite. The normalization of caprone in boiling water deteriorates its antifriction properties. If aluminum and bronze powders are added to caprone, its heat conductivity is increased but its antifriction properties are not improved. [Abstracter's note: Complete translation]

Card 1/1

MIKHAY LOV, R.A.; MALYSHEV, P.N.; DUPLENKO, Yu.V.

High-speed screw press for processing polyamides. Plast.massy no.1: 49-52 '61. (MIRA 14:2) (Polyamides) (Power presses)

MIKHAYLOV, P. A., kand. tekhn. nauk; DUPLENKO, Yu. V., inzh.; MALYSHEV, P. N., inzh.

Operating conditions of the capron-steel bearing pair. Mashine-stroenie no.5:81-85 S-0 162. (MIRA 16:1)

1. Zaporoshskiy mashinostroitel'nyy institut.

(Bearings (Machinery))

ABRAMOV, V.V.; MIKHAYLOV, P.A.; KIREYEV, A.A.; MALYSHEV, P.N.; DUPLENKO, Yu.V.

Mechanical methods of testing residual stresses in composition materials. Fiz.-khim. mekh. mat. 1 no.5:605-608 '65.

(MIRA 19:1)

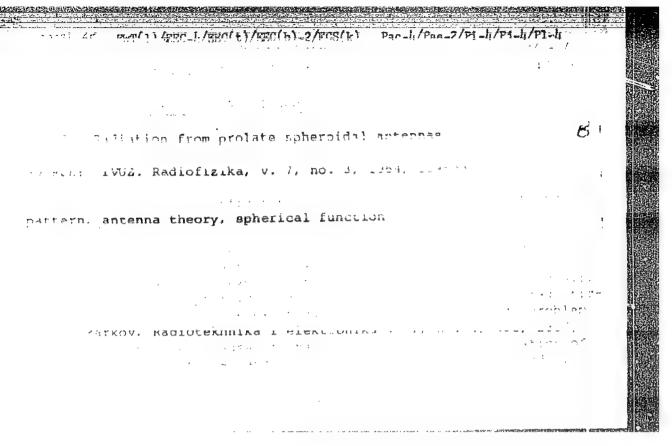
1. Mashinostroitel'nyy institut imeni Chubarya, Zaporozh'ye.

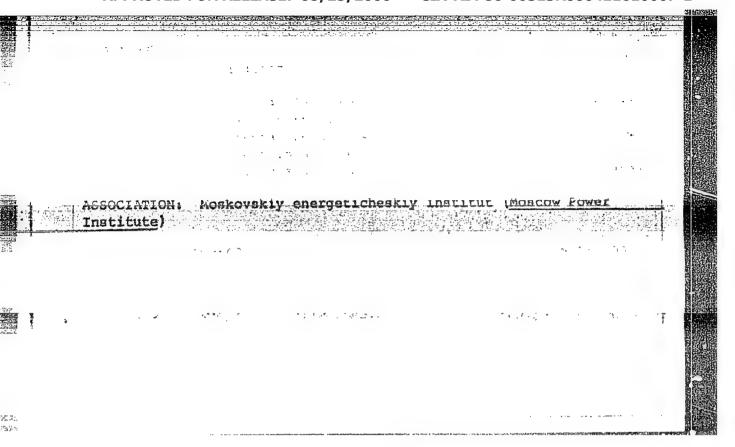
MARKOV, Grigoriy Timofeyevich. Prinimali uchastiye: TERESHIN, O.N., dotsent; VASIL'YEV, Ye.N., dotsent; DUPLENKOV, D.A., aspirent; SAZONOV, D.M., aspirent; NOSOV, O.N., inzh. PISTOL'KORS, A.A., retsenzent; DOLUKHANOV, M.P., prof., retsenzent; KOCHERZHEVSKIY, G.N., dotsent, red.; VORONIN, K.P., tekhn.red.

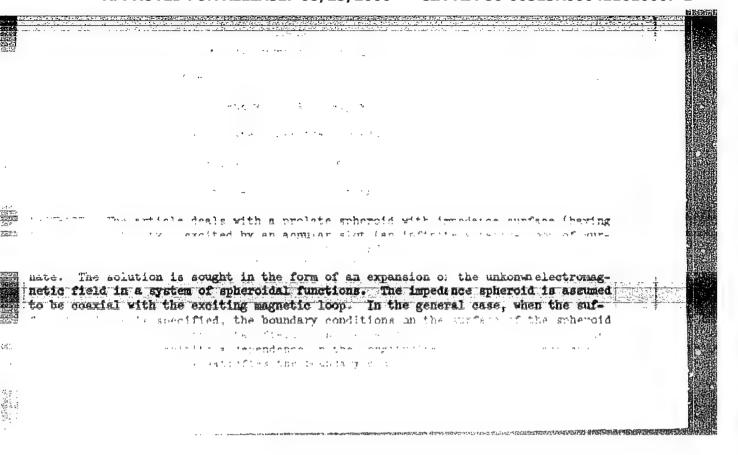
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(MIRA 14:4)

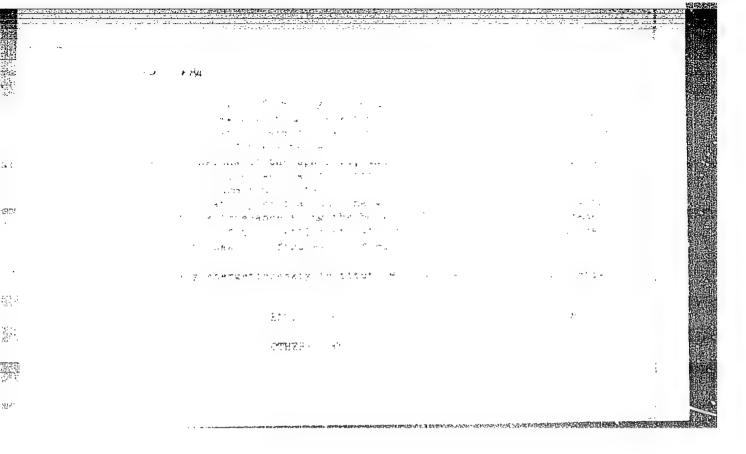
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(Radio--Antennas)









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ACCESSION NR: AP5020731 UR/0057/65/035/908/1428/1437
AUTHOR: Duplenkov, D. A.; Kovalenko, A. N. . 49
45

TITLE: Coupled circular slot antennas on a prolate apheroid

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 8, 1965, 1428-1437

TOPIC TAGS: electromagnetic radiation, slot antenna, antenna theory, mathematic physics, asymptotic expansion

ABSTRACT: The authors calculate the radiation field and impedances of two narrow circular slots on a perfectly conducting prolate spheroid on the assumption that one slot is driven and the other is connected to a passive resonator. The calculations are based on a formula for the radiation field of a single infinitely narrow circular slot on a prolate spheroid given by G.T.Markov (Antenny, p.77. Gosenergoizdat, M. - L., 1960). The series obtained for the admittances diverge; when the series are modified to take account of the finite widths of the slots, however, they converge, but too slowly to be useful. A symptotic formulas for the spheroidal functions occurring in these series are derived in two appendices and with the aid of these the series are put into a form suitable for computation. Results of computations and experiments are promised for a future paper. "In conclu-

Card 1/2

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S/078/61/006/007/007/014 B107/B207

18.1280

AUTHORS:

Rudnitskiy, A. A. (Deceased), Khotinskaya, A. N.,

Duplik, K. S.

TITLE:

Study of the syst: palladium - rhodium - silver

PERIODICAL:

Zhurnal neorganic skoy khimii, v. 6, no. 7, 1961,

1622-1635

TEXT: The system palladium - rhodium - silver was studied, particularly in the part which is rich in palladium. The object of the study was to determine the suitability of the alloys for electric contacts and measuring devices. The specimens were prepared from pure metals by melting together. After five days' heating to 1200°C (alloy rich in silver to 800°C), the specimens were cooled down in the course of one week; or, the specimen was chilled in ice water after one day's heating. The following was studied on the specimens thus prepared: Microstructure, Brinell hardness, tensile strength, relative expansion, resistivity, its temperature coefficient and the integral thermo-emf. Table 1 shows the composition of the alloys studied and the majority of the results of

Card 1/7

24730 S/078/61/006/007/007/014 B107/B207

Study of the system palladium ...

measurement; Fig. 1 shows the phase relations. The interfaces were determined on the basis of the discontinuous change of properties, and of the microstructure. Table 2 lists the values for the integral thermo-emf. The unlimited miscibility of the system palladium - silver was found to touch the ternary system very little, approximately up to 1% Rh. These low rhodium contents improve, however, the mechanical properties considerably. The miscibility gap of the system rhodium - silver vanishes only with an addition of at least 60% palladium. Owing to the investigation results palladium found a much wider applicability allowing a partial substitution of platinum alloys. Preliminary studies on the boundary systems by the following Soviet authors are mentioned: V. A. Nemilov, R. S. Polyakova, Ye. Ya. Rode, V. G. Kuznetsov. There are 8 figures, 2 tables, and 14 references: 6 Soviet-bloc and 8 non-Soviet-bloc. The reference to English-language publication reads as follows: R. W. Drier, H. Walker. Philos. Mag., 16, 294 (1933).

SUBMITTED: June 22, 1960

Card 2/7

RUDMITSKIY, A.A.; KHOTINSKAYA, A.N.; DUPLIK, K.S.

System palladium-rhodium-silver. Zhur. neorg. khim. 6
no.7:1622-1635 Jl '61. (MIRA 14:7)
(Palladium) (Rhodium) (Silver)

Duplik, z.k.

DUPLIK, Z.K. (Krivoy Rog. 1-y uchastok, pos. Chkalova, ul. Nakhimova, d.83)

Treating profuse gestroduodenal hemorrhages. Nov.khir.arkh. no.2: 52-53 Mr-Ap '57. (MLRA 10:8)

1. Khirurgicheskoye otdeleniye (zav. - A.Ye.Cheban) l-y Krivoroshskoy bol'nitsy (HEMORRHAGE) (ALIMENTARY CANAL-SURGERY)

DUPLIK, Z.K. (Krivoy Rog, pos. Chkalova, ul. Makhimova, d.83)

(CYSTS)

Acute appendicitis combined with torsion of an intra-abdominal cyst of the spermatic cord. Nov.khir.arkh. no.6:106-107 N-D '59.

(MIRA 13:4)

1. Khirurgicheskoye otdeleniye (zaveduyushchiy - zasluzhennyy vrach USSR A.Ye. Gheban) 1-y Krivorozhskoy gorodskoy bol'nitsy.

(APPENDICITIS)

(SPERMATIC CORD--DISRASES)

BYSTRITSKIY, M.I., kand.med.nauk (Krivoy Rog, Sotsgorod, prosp. Stalina d.16, kv.4); DUPLIK, Z.K.

Treatment of abdominat traumata at the Krivoy Rog Municipal Hospital.

Nov. khir. arkh. no.5:32-37 S-0 '64. (MIRA 14:12)

l. Travmatologicheskoye i khirurgicheskoye otdeleniye l-y gorodskoy bol'nitsy Kpivogo Roga.

(KRIVOY ROG.—SURGERY)

(ABDOMEN.—WOUNDS AND INJURIES)

KALEDIN, I.S.; DUPLIK, Z.K.

Hydronephrosis caused by a cyst of the appendix. Urologiia 26 no.2:60-61 '61. (MIRA: 14:3) (KIDNEYS_DISEASES) (APPENDIX_TUMORS)

DUPLIK, Z.K.

Profuse gastroduodenal hemorrhages; from data of the First Krivoy Rog Municipal Hospital. Khirurgiia 37 no.2:34-39 F 161. (MIRA 14:1)

l. Iz khirurgicheskogo otdeleniya (zav. - zasluzhennyy vrach USSR A.Ye. Cheban) l-y Krivorozhskoy gorodskoy bol'nitsy (glavnyy vrach M.L. Kadetskaya). (PEPTIC ULCER) (HEMORRHAGE)

DUPLIK, Z.K. (Krivoy Rog, 1-y uchastok, pos. Chkalova, ul. Nakhimova, d.83)

Surgical treatment of complication in portal hypertension. Vest.khir. no.9:61-64 '61. (MIRA 15:3)

1. Iz khirurgicheskogo otdeleniya (zav. - zasluzhenyy vrach UkrSSR A.Ye. Shcherba) 1-y gorodskoy bol'nitsy g. Krivogo Roga. (PORTAL HYPERTENSION)

DUPLIK, Z.K.

Treatment of subcutaneous traumatic injuries of the spleen; according to data of the 1st Krivoi Rog City Hospital. Nov. khir.arkh. no.11:26-29 161. (MIRA 14:12)

1. Khirurgicheskoye otdeleniye (zav. - zasl. vrach UkrSSR A.Ye. Cheban) 1-y Krivorozhskoy gorodskoy bol'nitsy. (SPLEEN-WOUNDS AND INJURIES)

CIA-RDP86-00513R000411610007-1

DUPLIK, Z.K. (Krivoy Rog, 1-y uchastok, pos. Chakalova, ul. Nakhimova, d.83)

Treatment of patients with strangulated hernias. Nov.khir.arkh. no.1:78-80 '62. (MIRA 15:8)

1. Khirurgicheskoye otdeleniye (zav. - zasl. vrach UkrSSr A.G. Cheban) 1-y gorodskoy bol'nitsy Krivogo Roga. (HERNIA)

KALEDIN, I.S.; DUPLIK, Z.K. (Krivoy Rog)

Case of adenoma of the cortical layer of the left adrenal gland.

Probl.endok.i gorm. no.4:117-118 *62. (MIRA 15:11)

1. Iz urologicheskogo otdeleniya (zav. - I.S. Kaledin) 1-y krivorozhskoy gorodskoy bol'nitsy. (ADRENAL CORTES-TUMORS)

DUPLIK, Z. K. (Krivoy Rog, pos. Chkalova, ul. Nakhimova, d. 83); ZAPOL'SKIY, V. V.

Treatment of thrombosis of the mesenteric vessels. Nov. khir. arkh. no.3:26-30 62. (MIRA 15:4)

1. Po materialam khirurgicheskogo otdeleniya (zav. - zasl. vrach UkrSSR A. Ye. Cheban) 1-y Krivorozhskoy gorodskoy bol'nitsy.

(MESENTERY_BLOOD SUPPLY) (THROMBOSIS)

DUPLIK, Z.K.

Case of sclerosing angioma of the spleen. Khirurgiia 39 no.10:123-124 0 '63. (MIRA 17:9)

1. Iz khirurgicheskogo otdoleniya (zav.-zasluzhennyy vrach UkrSSR A.Ye. Cheban) l-y Kri orozhskoy gorodskoy bol'nitsy (glavnyy vrach A.K. Bogdanov).

KALEDIN, I.S.; DUPLIK, Z.K.

Cancer of the urethra in males; two observations. Vop. onk. 11 no.9:95-96 165. (MIRA 18:9)

1. Iz urologicheskogo otdeleniya 1-y Krivorozhskoy gerodskoy bol'nitsy (zav. otdeleniyem - I.S.Kaledin, glavnyy vrach - A.K.Bogdanov).

DUPLIK, Z.K.; KRASIL'SHCHIK, D.Z.

Primary cancer of the small intestire. Khirurgiia 41 no.4:70-74 Ap '65. (MIRA 18:5)

1. Khirurgicheskoye otdeleniye (zav. - zasluzhennyy vrach UkrSSR A.Ye. Cheban) 1-y Krivorozhskoy gorodskoy bol'nitsy.

KUZNETSOV, V.A.; POPOVA, I.B.; DUPLINA, I.N.

Electrocapillary phenomena on Tl - Bi alloys and their surface tension in a vacuum. Zhur. fiz. khim. 36 no.4:880-884 Ap 162. (MIRA 15:6)

1. Ural'skiy universitet.
(Electrocapillary phenomena) (Thallium-bismuth alloys)
(Vacuum)

DUPLINSZKY, Ede; NEUHOF SUSKI, Laszlo

New ceramic substrates for manufacturing resistors. Hir techn 15 no.3:86-89 Mr 164.

1. Central Research Institute of Building Materials Industry, Budapest (for Duplinszky). 2. Research Institute of the Tele-communication Industry, Budapest (for Neuhof Suski).

DUPLISHCHEV, I.T.

Large trees in protective shelter belts. Put' i put.khoz.no.8:22-23 Ag '57. (MLRA 10:9)

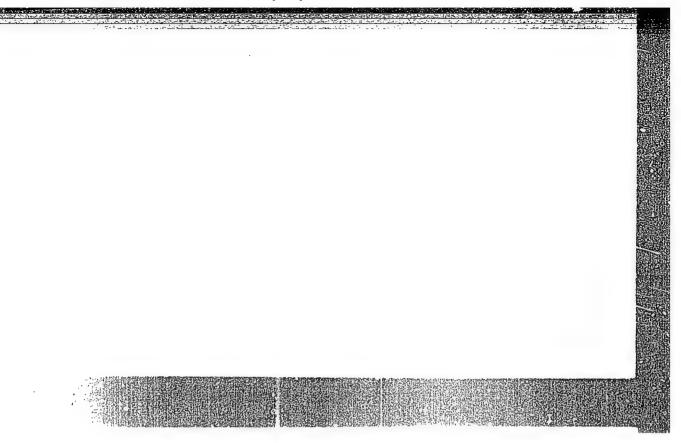
(Windbreaks, Shelter belts, etc.)

DUPLISHCHEVA, A. P.

"On the Absorption of Certain Antibiotics From a Cow's Stomach and Intestinal Tract in Radiation Diseases." Proceedings of Inst. Epidem. and Microbiol. im Gamaleya, 1954-56.

Division of Medical Microbiology, Troitskiy, V. L., professor, Corresponding Member, Academy of Medical Sciences, USSR, head. Inst. Epidem. and Microbiol im Gamaleyo, AMS USSR.

SO: Sum 1186, 11 Jan 57.



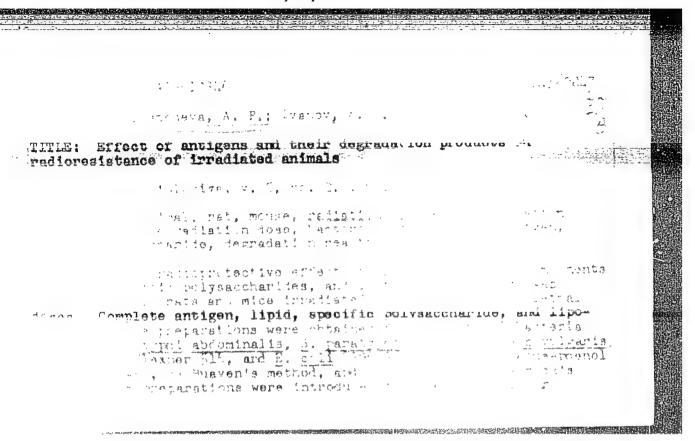
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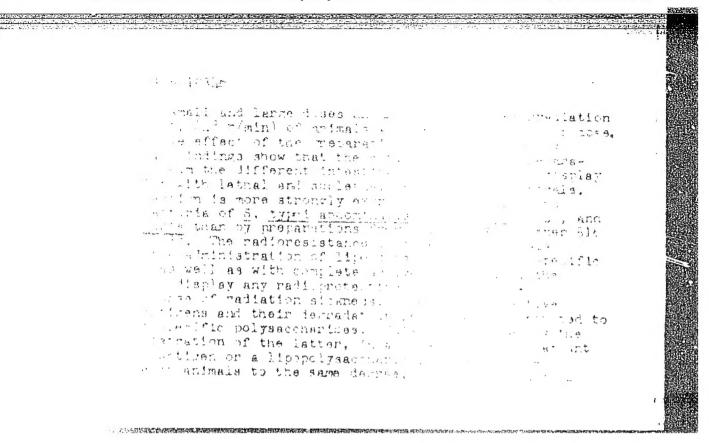
DUPLISHCHEVA, A.P.; CHAKHAVA, O.V.

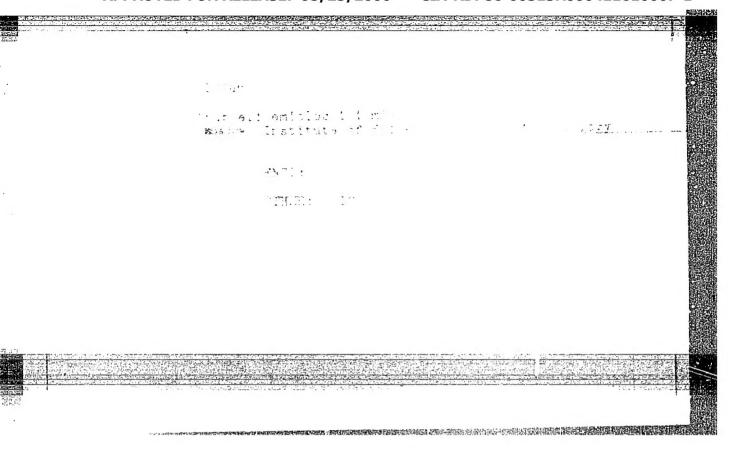
Effect of previously injected dysenterial and staphylococcal vaccines on the immunity to typhoid bacteria in irradiated animals. Radiobiologiia 4 no.3:419-423 164.

(MIRA 17:11)

1. Institut epidemiologii i mikrobiologii imeni Gamalel AFN SSSR, Moskva.







DUPLITSKAYA, V.A.

1-14-711

Translation from: Referativnyy Zhurnal, Geografiya, 1957, Nr 1, p. 85

(USSR)

AUTHOR:

Vadkovskaya, A. D., Duplitskaya, V. A.

TITLE:

On the Methodology of Making Observations at Bioclimatic Resort Stations (K metodike nablyudeniy na kurortnykh

bioklimaticheskikh stantsiyakh)

PERIODICAL: Sbornik: Vopros izucheniya kurort. resursov SSSR. Moscow,

Medgiz, 1955, pp. 342-366.

ABSTRACT:

Instructions are given on the selection of meteorological areas, observation periods, methods of making observations, basic rules in recording observations, the compilation of TM-1 tables, and on meteorological observations in air solariums, on beaches, and at bioclimatic stations. are presented for calculating radiation in body exposure to the sun, the duration in minutes of a doze of direct solar radiation on a horizontal surface at 9, 12 and 15 hours for different latitudes, determining equivalently effective temperatures with the use of dry and sun thermometers in still air, and in air moving at the rate of 1;

1.5; 2.5; 3.5 m/sec etc.

Card 1/1

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